

16 June SARL Youth Day Sprint 23 to 27 - SARL Top Band QSO Party Find the rules in the 2011 SARL Contest Manual

# US Proposes WRC-12 Allocations for HF Radars

3 June 2011

The ARRL and its partners in the IARU have been involved in the preparations for several items on the 2012 World Radiocommunication Conference (WRC-12) agenda. Agenda item 1.15 is "to consider possible allocations in the range 3-50 MHz to the radiolocation service for oceanographic radar applications." Such radars have been in operation in coastal areas for many years, typically under experimental licenses.

Based on protection requirements for the Amateur Service that the IARU had arranged to be included in ITU documentation, the Conference Preparatory Meeting (CPM) Report for WRC-12 that was adopted in February concluded that sharing between oceanographic radars and the Amateur Service "seems to be difficult." Sharing studies therefore focused on in-band compatibility in the bands used only by the fixed and/or land mobile services. The CPM Report offers three methods of satisfying the agenda item through various combinations of primary and secondary allocations, with the objective of satisfying the operational need for safety systems (e.g. for the detection of tsunamis) and providing for the operation of other systems while protecting other allocated services from harmful interference.

The CPM Report does not propose specific allocations for oceanographic radars, this being the prerogative of individual administrations who may submit proposals directly to the ITU or through their respective regional telecommunications organizations such as CITEL; however, the report does identify broad ranges of fixed/mobile spectrum where such allocations might be considered. None of these ranges overlaps internationally allocated amateur bands.

In the United States, preparations for a World Radiocommunication Conference proceed along two parallel tracks. The FCC convenes a WRC Advisory Committee (WAC) to gather input from non-federal spectrum users and other interested parties. Several Informal Working Groups (IWGs) are established to address the wide range of agenda items. The ARRL participates fully in the WAC and relevant IWGs. At the same time, federal spectrum interests are addressed through the National Telecommunications and Information Administration (NTIA) in





the Department of Commerce. The FCC, NTIA and Department of State collaborate to develop US proposals based on the two preparatory streams.

*June 11* 

In October 2010, the WAC completed its work on agenda item 1.15 and adopted draft proposals of allocations for radiolocation in the bands 4,440 - 4,500 MHz, 13,410 - 13,530 MHz, 13,870 - 13,990 MHz, 25,330 - 25,550 MHz, 26,200 - 26,420 MHz and 41,6 - 42,4 MHz. The allocations would be on a primary basis, but without the right to claim protection from interference from other primary services operating in the bands. This outcome was satisfactory to the ARRL. The WAC subsequently held its final meeting on 19 April 2011.

However, in May 2011 - following a consultative process that is as yet unclear - the US submitted NTIA-developed proposals to CITEL, the regional telecommunications organization for the Americas, that are significantly different from the WAC proposals and affect more frequency bands, specifically 3,155 - 3,200 MHz, 4,438 - 4,650 MHz, 5,250 - 5,450 MHz, 13,410 - 13,570 MHz, 14,350 - 14,990 MHz, 25,330 - 25,550 MHz, 26,200 - 26,420 MHz, 41,015 - 41,665 MHz and 43,35 - 44,0 MHz. These allocations would be on a primary basis, but with a footnote that radiolocation stations may not cause harmful interference to, nor claim protection from, stations operating in the fixed and mobile services - an odd provision, since this is the definition of a secondary, not a primary, service.

One aspect of these proposals is of concern to the ARRL: the inclusion of 5,250 - 5,450 MHz. While there is no international allocation to the Amateur Service in this band, the United States - and a growing number of other countries - have authorised limited amateur operations on a non-interference basis. In view of the sharing difficulties noted in the CPM Report, the ARRL would have raised its concern within the FCC preparatory process, had the NTIA proposals been made available to the WAC, as was the case with more timely NTIA proposals.

In a letter dated 26 May, ARRL President Kay Craigie, N3KN, expressed the League's concern to S. Decker Anstrom, Head of the US Delegation to WRC-12. Her letter concludes: "We would appreciate the opportunity to contribute to improving the proposal through appropriate domestic processes in advance of its submission to the ITU." A link to the letter is provided below.

While the inclusion of 5,250 - 5,450 MHz in the US proposals for radiolocation allocations is unfortunate, ARRL Chief Executive Officer David Sumner, K1ZZ, observed that the proposed allocation has a long way to go before possible adoption in Geneva next year. While the

#### June 1011

- 1 International Children's Day
- 2 Ascension Day
- 4 RTA, Port Elizabeth
- 5 World Environmental Day
- 11 Portugal Day Contest
- 12 Pentecost
- 16 Youth Day; SARL Youth Day Sprint
- 17 World QRP Day; School holiday
- 18 Programming in Windows, Gauteng
- 18 and 19 All Asian DX CW Contest; International Museum Weekend
- 19 Fathers' day
- 23 to 27 SARL Top Band QSO Party
- 24 Schools close
- 24 to 26 Ham Radio 2011, Friedrichshafen, Germany
- 25 and 26 ARRL Field Day; ; International Museum Weekend



ARRL works domestically to address the issue, the IARU will be doing the same through its Member-Societies in other countries and its relationships with regional telecommunications organizations. "For now, the best thing for concerned amateurs to do is to let matters run their course through the normal WRC preparatory processes," he said.

# The 30 m Band Utilisation Chart - 6 June 2011 update

Ian, G3NRW, says that since posting the first public version of the 30 m Band Utilisation Chart, I have received many emails, several of which provided yet more input for the chart. Summarising the additions and changes:

- \* Added CW SOTA at 10,118
- \* Added beacon at 10,125
- \* Added QRSS at 10,139 dial, and narrowed QRSS to 10,1400 10,1401
- \* Added Olivia at 10,1385 dial
- \* Changed Olivia500 to Olivia125/250/500 throughout
- \* Removed SkipNet at 10,141 dial
- \* Added IARU Region I beacon DKOWCY at 10,144
- \* Added Olivia to the multi-mode box at 10,142 10,145
- \* Added NET30 at 10,145 dial
- \* Added SkipNet at 10,14669 dial
- \* Added SSB VK 10,140 10,150
- \* Added legend indicating dial frequencies are USB unless otherwise stated

It seems that 10,140 - 10,150 is busier than ever! The updated version is now available at <a href="http://homepage.ntlworld.com/wadei/30m\_band\_utilization.htm">http://homepage.ntlworld.com/wadei/30m\_band\_utilization.htm</a>

## International Museums Weekend

The International Museums weekend, an annual worldwide event, is being held over the two weekends of 18 and 19 June and 25 - 26 June 2011. They welcome all individual amateurs, groups and clubs to work with their local museums to host a special event station. The museums taking part over the years have included ships, castles, air museums, Napoleonic forts, pumping stations, wireless museums, racing museums and many others.

For the purposes of the event, the word 'museum' is loosely interpreted. There really is no shortage of venues in which such an event can be staged, no matter where in the world you might live. Those clubs and museums which do decide to take part, should use the free on-site 'Registration' facility <a href="http://www.ukradioamateur.co.uk/imw/">http://www.ukradioamateur.co.uk/imw/</a>. The 'Registration' is simply to assist in administration of the event and provide those taking part with an indication of how many and exactly where the museums taking part are located. If you require more information, then go to <a href="http://www.ukradioamateur.co.uk/imw/">http://www.ukradioamateur.co.uk/imw/</a> or contact Harry, M1BYT.

### Contest Results

2010 CQ WPX CW Contest. These results were published in the March 2011 issue of CQ.

#### Namibia

V55X operated by Andrew, V51YJ, single operator all band high power, made 151 657 points from 249 Q50s and 187 prefixes.

#### South Africa

Vidi, ZS1EL, single operator all band high power, made 153 270 points from 250 QSOs and 195 prefixes.







Barry, ZS2NF, single operator all band low power, made 13 806 points from 69 QSOs and 59 prefixes

Jacques, ZS1JY, single operator all band low power, made 12 508 points from 62 QSOs and 53 prefixes

Jan, ZS4JAN, single operator all band low power, made 2 610 points from 31 QSOs and 30 prefixes

2010 CQ WW RTTY Contest. These results were published in the May 2011 issue of CQ

Donovan, ZS2DL, single operator all band high power, made 570 412 points from 811 QSOs, 145 countries and 62 zones

Johan, ZS2I, single operator all band low power, made 139 731 points from 333 QSOs, 102 countries and 36 zones

Jacques, Zs1JY, single operator all band low power, made 50 384 points from 129 QSOs, 69 countries and 41 zones

Pierre, ZS6BB (ZS6A), single operator all band low power, made 1 586 points from 21 QSOs, 10 countries and 7 zones

## African DX

Ethiopia, ET. The Ethiopian Amateur Radio Society (EARS) club station, ET3AA, is once again active and on the air as of 30 May. According to the IARU Region 1 Web page <a href="http://www.iaru-r1.org">http://www.iaru-r1.org</a>, "Professor Doctor Heiko Schroeder, Head of the Technical Faculty of the University of Addis Ababa and Hans Blondeel Timmerman, PB2T, President of IARU Region 1 cut the ribbon" to reopen the new shack. All this thanks to donations from the "STARS" organisation and others individuals helped to revive ET3AA. An effort led by Sid May, ET3SID, the EARS club installed their shack and built antennas on top of the roof of the Technical Faculty at the University of Addis Ababa. The station now has a 17-element 6 - 30 MHz log-periodic antenna. EARS hopes that by the end of July they will have more than 25 club members to take the Radio Amateur Exam. To read the complete story, go to <a href="http://www.iaru-r1.org">http://www.iaru-r1.org</a>

# History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 06 June 2011.

1752 - Ben Franklin's kite is struck by lightning - what a shock!

1770 - Capt Cook runs aground on the Australian Great Barrier Reef

1786 - First commercially made ice cream sold (New York)

1848 - First telegraph link between New York City and Chicago

1849 - The Gas mask patented by Lewis Haslett, Louisville, Kentucky

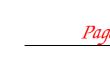
1882 - The Electric iron patented by Henry W. Seely, New York City

1883 - The first commercial electric railway line begins operation (Chicago)

1912 - The US army tests the first machine gun mounted on a plane

1944 - At 06:30 on 6 June, the Allied Forces invade Normandy during the Second World War. Just after midnight some 24 000 paratroopers from Great Britain, Canada, the USA and France jump into the occupied territory. Eventually it would become the largest military invasion in history with 160 000 sailors, airmen and soldiers deployed that day







### African Islands on the Air

Sao Tome and Principe, S9. Operators Matt, KOKKO, and Ed, KOGUV, will be active from Ilheu das Rolas (AF-023), Sao Tome, using the call signs of S92DX, S9CW, and S9SX, between 21 and 27 October. Activity will be on the HF bands and 6 metres. They plan to have two 6 meter stations on the air (50,105 SSB and 50,105 7 CW). No other details were provided. For updates, watch <a href="http://www.kokko.net/pb/wp\_5bd6e10c/wp\_5bd6e10c.html">http://www.kokko.net/pb/wp\_5bd6e10c/wp\_5bd6e10c.html</a>

# Special Event

Norway. Tom, LA4LN, the Station Manager for LJ2T says that the historical call sign LJ2T will be activated again from The Signals Museum of the Norwegian Armed Forces near Lillehammer from 30 June to 3 July with amateur radio operators from The Veteran Club of the Signals Soldiers of the Norwegian Armed Forces. The amateur radio activity will be on all bands from 160 m to 70 cm with CW, SSB, FM and digital modes. As last year, there are plans for activity on 4 m (70 MHz) from this QTH locator JP51ed. QSL via LA5EAA. More information on the web at <a href="https://www.qrz.com/db/LJ2T">www.qrz.com/db/LJ2T</a>

The Netherlands, PG6. Look for special event station PG6N to be active during the "Coastal Week" (Week van de Zee) starting on Saturday 11 June and ending on "Kids Day" Saturday 18 June. Activity will from the Noordwijk Lighthouse Station (ARLS NET019). They plan to be on the HF bands as well as 6 and 2 meters because of the Es-period. PLEASE QSL via the Bureau.

For more details, see <a href="http://www.qrz.com/db/PG6N">http://pg6n.jouwweb.nl/english</a>. Also, join their Facebook page at <a href="http://www.facebook.com/home.php?sk=group\_173489109367097">www.facebook.com/home.php?sk=group\_173489109367097</a>

Ukraine, UT1 "Berestetskaya Battle - 360 years Award." The members of the Rivne youth radio club - "Rivne DX Club" and the management of the "National Historical and Memorial Preserve Golf Berestetskaya Battle", have now made a new award/diploma available. The award/diploma called "Berestetskaya Battle 360 years" was established in memory of the battle, which took place in 1651 between the Ukrainian Army B. Khmelnitsky and the Polish Army under John Casimir near Berestechko. To fulfil the terms of the award/diploma "Berestetskaya battle 360 years", it is necessary to work UT1KWA between 20 June and 31 December 2011 or UT1KWA/p from the territory of the "National Historical and Memorial Preserve" in any mode on any amateur bands between 20 and 26 June 2011. The award is issued electronically and in paper form.

- 1. For stations in Ukraine a free digital certificate is issued as the result of a two-way radio contact with UT1KWA or UT1KWA /p. (At the request of Ukrainian applicant, you may obtain a paper certificate in the Ukraine by sending the director/manager of the award 5 UAH for postage to send the diploma in the mail with your return address).
- 2. For stations around the world a free electronic certificate is issued.

  Applicants should send an E-mail to the manager of the diploma at <a href="mailto:ut1kwa@mail.ru">ut1kwa@mail.ru</a> with QSO data with UT1KWA or UT1KWA/p and a name (optional name) to send the diploma (paper diplomas from Ukraine are not given). The award manager is "RIVNE DX CLUB" UT1KWA, PO Box 85, Rivne, 33027, Ukraine. Watch the following Web page for details at <a href="http://radio-rivne.rv.ua">http://radio-rivne.rv.ua</a>

### Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 6 to 13 June 2011.







RSGB 80 m Club Championship, Data

19:00 - 20:30 UTC 6 June

Mode: RTTY, PSK Bands: 80 m Only Classes: (none)

Exchange: RST and serial no QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC June 13, 2011

Upload log at:

http://www.vhfcc.org/cgi-bin/hfenter.pl

Mail logs to: (none) Find rules at:

http://www.rsgbcc.org/hf/rules/2011/r80mc

c.shtml

ARS Spartan Sprint 01:00 - 03:00 UTC 7 June

Mode: CW

Bands: 80, 40, 20, 15, 10 m Classes: Skinny; Tubby Max power: 5 watts

Exchange: RST and state, province or country

and power

Work stations: Once per band Submit logs by: 9 June 2011

E-mail logs to: spartansprint@yahoo.com

Mail logs to: (none) Find rules at: http://adventure-

<u>ra-</u>

dio.org/wiki/index.php?title=Spartan\_Sprint\_

Rules

CWops Mini-CWT Test

13:00 - 14:00 UTC, 19:00 - 20:00 UTC 8 June

and 03:00 - 04:00 UTC 9 June

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or

country

Work stations: Once per band QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 04:00 UTC 11 June 2011

Post log summary at:

http://www.hornucopia.com/3830score/

Mail logs to: (none)
Find rules at:

http://www.cwops.org/onair.html

NAQCC-EU Monthly Sprint 18:00 - 20:00 UTC 8 June

Mode: CW

Bands: 80, 40, 20 m Classes: Single Op Max power: 5 watts

Exchange: RST, country and NAQCC no or

power

Work stations: Once per band

QSO Points: 1 point per QSO with nonmember; 2 points per QSO with member Multipliers: Each country in Europe; First country in each continent worked other than

Europe

Key Type Mult: 2x if straight key, 1.5x if bug,

1x if other

Score Calculation: Total score = total QSO

points x total mults x key type mult Submit logs by: 20:00 UTC 11 June 2011 E-mail logs to: <u>submitlog@nagcc-eu.org</u>

Upload log at:

http://www.nagcc-eu.org/autologger/

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn,

Denbighshire LL19 8RD, UK

Find rules at: <a href="http://nagcc-">http://nagcc-</a>

eu.org/SprintHelp/SprintRules.pdf

NCCC Sprint Ladder

02:30 - 03:00 UTC 10 June

Mode: CW

Bands: 160, 80, 40, 20 m Classes: Single Op Max power: 100 watts Exchange: (see rules)

Work stations: Once per band





QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (ex-

cept W/VE) once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 12 June 2011

E-mail logs to: (none)
Post log summary at:

http://www.hornucopia.com/3830score/

Mail logs to: (none) Find rules at:

http://www.ncccsprint.com/rules.html

DRCG Long Distance Contest, RTTY

00:00 - 07:59 UTC and 16:00 - 23:59 UTC 11

June and 08:00 - 15:59 UTC 12 June

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op

Single Op 6 Hours; Single Op Unlimited;

Multi-Single; SWL

Exchange: RST, CQ Zone no and 4-digit time

(UTC)

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each VK, VE, JA and W call area and each DXCC country (other than VK, VE, JA, W) once per band; Each continent

Score Calculation: Total score = total QSO points x total country/call area mults x total

continent mults

Submit logs by: 1 August 2011 E-mail logs to: <a href="mailto:ldc@drcg.de">ldc@drcg.de</a>

Mail logs to: (none)
Find rules at:

http://drcq.de/index.php?option=com\_conten

t&task=view&id=124&Itemid=84

Portugal Day Contest 00:00 - 23:59 UTC 11 June

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - CW, SSB or Mixed

Exchange: CT: RS(T) and District; non-CT:

RS(T) and serial no QSO Points: (see rules)

Multipliers: Each CT region and each DXCC

country once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 1 September 2011 E-mail logs to: <a href="mailto:rep-concursos@rep.pt">rep-concursos@rep.pt</a>

Mail logs to: REP Award/Contest Manager, Rua D. Pedro V, No. 7-40, 1250-092 Lisboa,

Portugal
Find rules at:

http://www.rep.pt/portugal\_day\_contest/rul

es.html

VK Shires Contest

06:00 UTC 11 June to 06:00 UTC 12 June

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: VK Single Op - Rover or Fixed; VK Multi-Two - Rover or Fixed; DX Single Op Exchange: VK: RS(T) and Shire; non-VK:

RS(T) and CQ Zone

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: Each VK shire once per band per mode; VK: Each CQ zone once per band per

mode

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 1 July 2011 E-mail logs to: vk4ti@wia.orq.au

Mail logs to: (none)
Find rules at:

http://groups.yahoo.com/group/vkshires/

Asia-Pacific Sprint, SSB 11:00 - 13:00 UTC 11 June

Mode: SSB Bands: 20, 15 m

Classes: Single Op Single Radio

Max power: Asia Pacific: 150 watts; Non-Asia

Pacific: maximum legal Exchange: RS and serial no Work stations: Once per band

QSO Points: Asia-Pacific: 1 point per QSO; Non-Asia-Pacific: 1 point per QSO with an

Asia-Pacific station



Multipliers: Each prefix once

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 18 June 2011 E-mail logs to: <a href="mailto:apsprint@jsfc.org">apsprint@jsfc.org</a>

Mail logs to: (none) Find rules at:

http://jsfc.org/apsprint/aprule.txt

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 11

June and 03:00 - 04:00 UTC 12 June

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or

country

Work stations: Once per band QSO Points: 1 point per QSO Multipliers: Each call once

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 04:00 UTC 14 June 2011

Post log summary at:

http://www.hornucopia.com/3830score/

Mail logs to: (none)
Find rules at:

http://www.cwops.org/onair.html

GACW WWSA CW DX Contest

15:00 UTC 11 June to 15:00 UTC 12 June

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band QRP, low or high; Single Op Single Band QRP, low or high;

Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: RST and CQ Zone no

QSO Points: 0 points per QSO with same country; 1 point per QSO with different country, same continent; 3 points per QSO with different continent; Non-SA stations: 5

points per QSO with South America Multipliers: Each CQ zone once per band

Each country once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 30 July 2011

E-mail logs to: <u>auranito@speedy.com.ar</u>

Mail logs to: GACW DX Contest, PO Box 9, B1875ZAA Wilde, Buenos Aires, Argentina

Find rules at:

http://www.wwsatest.org/basesingles.htm

SKCC Weekend Sprint 00:00 - 24:00 UTC 12 June

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Exchange: RST, name, state, province or

country and SKCC no or "NONE" Work stations: Once per band QSO Points: 1 point per QSO Bonus Points: (see rules)

Multipliers: Each state, province or country

once

Score Calculation: Total score = (total QSO

points x total mults) and bonus points

Submit logs by: 17 June 2011

Post log summary at:

http://www.skccgroup.com/sprint/wes/wes-

submit.html

Mail logs to: (none)

Find rules at:

http://www.skccgroup.com/sprint/wes/

## Next Week's Contests

ARRL June VHF QSO Party, 18:00 UTC 11 June to 02:59 UTC 13 June NAQCC Straight Key/Bug Sprint, 00:30 UTC - 02:30 UTC 15 June RSGB 80 m Club Championship, CW, 19:00 - 20:30 UTC 15 June SARL Youth Day Sprint, 08:00 - 10:00 UTC 16 June NCCC Sprint Ladder, 02:30 - 03:00 UTC 17 June







All Asian DX Contest, CW, 00:00 UTC 18 June to 24:00 UTC 19 June Stew Perry Topband Challenge, 15:00 UTC 18 June to 15:00 UTC 19 June West Virginia QSO Party, 16:00 UTC 18 June to 02:00 UTC 19 June Kid's Day Contest, 18:00 - 23:59 UTC 18 June Feld Hell Sprint, 20:00 - 22:00 UTC 18 June WAB 50 MHz Phone, 09:00 - 15:00 UTC 19 June Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 20 June

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

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